



PARSONS ENGINEERING SCIENCE, INC.

REMIT PAYMENT TO:
File 91849
Los Angeles, CA 90074-1849
Attn: Accounts Receivables

Street Address:
19101 VILLAVIEW ROAD, SUITE 301
CLEVELAND, OHIO 44119

Tel: (216) 486-9005
Fax: (216) 486-6119

INVOICE

2(b)

OCTOBER 21, 1997

CLIENT REF. :
INVOICE NO. : 00895568
PROJECT NO. : 731397
CLIENT NO. : 71275

TO: CANTON DROP FORGE, INC.
4575 SOUTHWAY STREET
CANTON, OHIO

44706

ATTN: MR. KEITH HOUSEKNECHT

PLEASE REMIT TO:
PARSONS ENGINEERING SCIENCE, INC
FILE 91849
LOS ANGELES, CALIFORNIA 90074-1849

FOR: WBS 05 BY-PASS/LAGOON #2
AUTHORIZATION: P.O. 98622
AMOUNT AUTHORIZED: \$2,600.00
AMOUNT BILLED: \$2,600.00

BILLING PERIOD: 7/26/97 THROUGH 10/17/97

CURRENT PERIOD
THROUGH 10/17/97

TOTAL DUE
TOTAL DUE

\$1,050.62

TOTAL THIS INVOICE:

\$1,050.62
=====

CDF001792



PARSONS ENGINEERING SCIENCE, INC.

REMIT PAYMENT TO:
File 91849
Los Angeles, CA 90074-1849
Attn: Accounts Receivables

Street Address:
19101 VILLAVIEW ROAD, SUITE 301
CLEVELAND, OHIO 44119

Tel: (216) 486-9005
Fax: (216) 486-6119

I N V O I C E

2(b)

SEPTEMBER 17, 1997

CLIENT REF. :
INVOICE NO. : 00838511
PROJECT NO. : 731397-1T
CLIENT NO. : 71275

TO: CANTON DROP FORGE, INC.
4575 SOUTHWAY STREET
CANTON, OHIO

44706

ATTN: MR. KEITH HOUSEKNECHT

PLEASE REMIT TO:
PARSONS ENGINEERING SCIENCE, INC
FILE 91849
LOS ANGELES, CALIFORNIA 90074-1849

FOR: CANTN DROP FORGE LAGOON2 BYPASS PREDSGN

AUTHORIZATION: P.O. 98622

AMOUNT AUTHORIZED: \$2,600.00

AMOUNT BILLED: \$1,549.38

BILLING PERIOD: 7/26/97 THROUGH 8/29/97

	HOURS	CURRENT PERIOD THROUGH 8/29/97
WBS 05000 - BY-PASS/LAGOON #2		
DIRECT LABOR	6.0	\$171.86
OH & PROFIT @1.95 X D.L.		\$335.13
ODCS WITHOUT HANDLING		\$4.14
SUBTOTAL:		\$511.13
TOTAL THIS INVOICE:		\$511.13

CDF001793

DETAIL OF PROFESSIONAL SERVICES
FOR THE PERIOD ENDING 8/29/97

PAGE: 1

CLIENT REF.:
INVOICE NO.: 00838511
PROJECT NO.: 731397-1T
CLIENT NO.: 71275
FORMAT NAME: SBLRLBR15C

EMPLOYEE NAME	ADJ. DATE	REGULAR HOURS	O/T HOURS	TOTAL HOURS	BILLING RATE	LABOR BILLING	PREMIUM BILLING
85 PRINC ENG/SCIENTIST II							
ELIZABETH J MCCARTNEY		6.00		6.00	84.50	506.99	
CLASSIFICATION TOTALS		6.00		6.00		506.99	
TOTAL LABOR BILLING		6.00		6.00		506.99	

CDF001794

DETAIL OF PROFESSIONAL SERVICES
FOR THE PERIOD ENDING 8/29/97

PAGE: 1

CLIENT REF.:
INVOICE NO.: 00838511
PROJECT NO.: 731397-1T
CLIENT NO.: 71275
FORMAT NAME: SBLRLBR11C

W/E DATE	EMPLOYEE NAME	EMPLOYEE CLASSIFICATION	ADJ. DATE	RATE	REGULAR HOURS	O/T HOURS	TOTAL HOURS
05000	BY-PASS/LAGOON #2						
8/29/97	ELIZABETH J MCCARTNEY	PRINC ENG/SCIENTIST II		84.50	6.00		6.00
	ITEM TOTALS				6.00		6.00
	TOTAL LABOR HOURS				6.00		6.00

CDF001795

DETAIL OF OTHER DIRECT COSTS
FOR THE PERIOD ENDING 8/29/97
BY WBS/COST CODE

INVOICE NO.: 00838511
PROJECT NO.: 731397-1T
CLIENT NO.: 71275
FORMAT NAME: SBLRFODC03
REF:

REFERENCE NUMBER -----	DESCRIPTION OF EXPENSES -----	AMOUNT -----
05000: BY-PASS/LAGOON #2		
9540	FREIGHT/EXPRESS/POSTAGE	.78
9550	REPRODUCTION CHARGES	3.36
	BY-PASS/LAGOON #2	4.14
	GRAND TOTAL OTHER DIRECT COSTS	4.14

DETAIL OF OTHER DIRECT COSTS
 FOR THE PERIOD ENDING 8/29/97
 BY JOB/WBS/COST CODE

PAGE: 1

CLIENT REF.:
 INVOICE NO.: 00838511
 PROJECT NO.: 731397-1T
 CLIENT NO.: 71275
 FORMAT NAME: SBLRODCWTT

REF NO.	EQUIP/ VEND NO.	NAME	INVOICE DATE	DATE WORKED	DESCRIPTION	BATCH NO.	AMOUNT
731397		CANTON DROP FORGE LAGOON #1/BI					
	05000	BY-PASS/LAGOON #2					
	9543	POSTAGE					
	00052		8/15/97		POSTAGE	102	.78
					ACCOUNT TOTAL		.78
	9551	COPIER CHARGES					
	30210		8/01/97		COPIER CHARGES	92	2.16
	30270		8/15/97		COPIER CHARGES	96	1.20
					ACCOUNT TOTAL		3.36
					BY-PASS/LAGOON #2		4.14
					JOB 731397 TOTAL		4.14
					TOTAL, OTHER DIRECT COSTS		4.14

CDF001797



PARSONS ENGINEERING SCIENCE, INC.

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CLEVELAND, OHIO 44119

Tel: (216) 486-9005
Fax: (216) 486-6119

INVOICE

2(b)

AUGUST 6, 1997

TO: CANTON DROP FORGE, INC.
4575 SOUTHWAY STREET
CANTON, OHIO

44706

ATTN: MR. KEITH HOUSEKNECHT

CLIENT REF. :
INVOICE NO. : 00802110
PROJECT NO. : 731397-1T
CLIENT NO. : 71275

PLEASE REMIT TO:
PARSONS ENGINEERING SCIENCE, INC
FILE 91849
LOS ANGELES, CALIFORNIA 90074-1849

FOR: CANTN DROP FORGE LAGOON2 BYPASS PREDSGN
AUTHORIZATION: P.O. 98622
AMOUNT AUTHORIZED: \$2,600.00 LS

BILLING PERIOD: PROJECT INITIATION THROUGH 7/25/97

	HOURS	CURRENT PERIOD THROUGH 7/25/97
WBS 05000 - BY-PASS/LAGOON #2		
DIRECT LABOR	9.0	\$334.99
OH & PROFIT @1.95 X D.L.		\$653.23
ODCS WITHOUT HANDLING		\$40.50
ODCS W/HANDLING Rate		\$8.66
Markup: 10%		\$.87
SUBTOTAL:		\$1,038.25
TOTAL THIS INVOICE:		\$1,038.25

CDF001798

DETAIL OF PROFESSIONAL SERVICES
FOR THE PERIOD ENDING 7/25/97

PAGE: 1

CLIENT REF.:
INVOICE NO.: 00802110
PROJECT NO.: 731397-1T
CLIENT NO.: 71275
FORMAT NAME: SBLRLBR15C

EMPLOYEE NAME	ADJ. DATE	REGULAR HOURS	O/T HOURS	TOTAL HOURS	BILLING RATE	LABOR BILLING	PREMIUM BILLING
90 PRINC ENG/SCIENTIST I							
MICHAEL R LEFFLER		9.00		9.00	109.80	988.22	
CLASSIFICATION TOTALS		9.00		9.00		988.22	
TOTAL LABOR BILLING		9.00		9.00		988.22	

CDF001799

DETAIL OF PROFESSIONAL SERVICES
FOR THE PERIOD ENDING 7/25/97

PAGE: 1

CLIENT REF.:
INVOICE NO.: 00802110
PROJECT NO.: 731397-1T
CLIENT NO.: 71275
FORMAT NAME: SBLRLBR11C

W/E DATE	EMPLOYEE NAME	EMPLOYEE CLASSIFICATION	ADJ. DATE	RATE	REGULAR HOURS	O/T HOURS	TOTAL HOURS

05000	BY-PASS/LAGOON #2						
7/11/97	MICHAEL R LEFFLER	PRINC ENG/SCIENTIST I		109.80	7.00		7.00
7/18/97	MICHAEL R LEFFLER	PRINC ENG/SCIENTIST I		109.80	2.00		2.00
	ITEM TOTALS				9.00		9.00
	TOTAL LABOR HOURS				9.00		9.00

CDF001800

DETAIL OF OTHER DIRECT COSTS
FOR THE PERIOD ENDING 7/25/97
BY WBS/COST CODE

INVOICE NO.: 00802110
PROJECT NO.: 731397-1T
CLIENT NO.: 71275
FORMAT NAME: SBLRFODC03
REF:

REFERENCE NUMBER	DESCRIPTION OF EXPENSES	AMOUNT
-----	-----	-----
05000: BY-PASS/LAGOON #2		
9210	TRAVEL	40.30
9530	SUPPLIES	8.66
9550	REPRODUCTION CHARGES	.20
	BY-PASS/LAGOON #2	49.16
	GRAND TOTAL OTHER DIRECT COSTS	49.16

DETAIL OF OTHER DIRECT COSTS
 FOR THE PERIOD ENDING 7/25/97
 BY JOB/WBS/COST CODE

PAGE: 1

CLIENT REF.:
 INVOICE NO.: 00802110
 PROJECT NO.: 731397-1T
 CLIENT NO.: 71275
 FORMAT NAME: SBLRODCWTT

REF NO.	EQUIP/ VEND NO.	NAME	INVOICE DATE	DATE WORKED	DESCRIPTION	BATCH NO.	AMOUNT
731397		CANTON DROP FORGE LAGOON #1/BI					
	05000	BY-PASS/LAGOON #2					
	9212	AUTOMOBILE MILEAGE					
079705948	40953	MICHAEL R LEFFLER	7/11/97			399	40.30
					ACCOUNT TOTAL		40.30
	9535	MATERIAL AND SUPPLIES					
079708400	J6006	RITZ CAMERA	7/09/97			395	8.66
					ACCOUNT TOTAL		8.66
	9551	COPIER CHARGES					
	30270		7/18/97		COPIER CHARGES	96	.20
					ACCOUNT TOTAL		.20
					BY-PASS/LAGOON #2		49.16
					JOB 731397 TOTAL		49.16
					TOTAL, OTHER DIRECT COSTS		49.16



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Tel: (216) 486-9005
Fax: (216) 486-6119

I N V O I C E

AUGUST 6, 1997

TO: CANTON DROP FORGE, INC.
4575 SOUTHWAY STREET
CANTON, OHIO

44706

ATTN: MR. KEITH HOUSEKNECHT

CLIENT REF. :
INVOICE NO. : 00802110
PROJECT NO. : 731397-1T
CLIENT NO. : 71275

PLEASE REMIT TO:
PARSONS ENGINEERING SCIENCE, INC
FILE 91849
LOS ANGELES, CALIFORNIA 90074-1849

FOR: CANTN DROP FORGE LAGOON2 BYPASS PREDSGN
AUTHORIZATION: P.O. 98622
AMOUNT AUTHORIZED: \$2,600.00 LS

BILLING PERIOD: PROJECT INITIATION THROUGH 7/25/97

	HOURS	CURRENT PERIOD THROUGH 7/25/97
WBS 05000 - BY-PASS/LAGOON #2		
DIRECT LABOR	9.0	\$334.99
OH & PROFIT @1.95 X D.L.		\$653.23
ODCS WITHOUT HANDLING		\$40.50
ODCS W/HANDLING Rate		\$8.66
Markup: 10%		\$.87
SUBTOTAL:		\$1,038.25
TOTAL THIS INVOICE:		\$1,038.25

CDF001803

DETAIL OF PROFESSIONAL SERVICES
FOR THE PERIOD ENDING 7/25/97

PAGE: 1

CLIENT REF.:
INVOICE NO.: 00802110
PROJECT NO.: 731397-1T
CLIENT NO.: 71275
FORMAT NAME: SBLRLBR15C

EMPLOYEE NAME	ADJ. DATE	REGULAR HOURS	O/T HOURS	TOTAL HOURS	BILLING RATE	LABOR BILLING	PREMIUM BILLING
-----	-----	-----	-----	-----	-----	-----	-----
90 PRINC ENG/SCIENTIST I							
MICHAEL R LEFFLER		9.00		9.00	109.80	988.22	
CLASSIFICATION TOTALS		9.00		9.00		988.22	
TOTAL LABOR BILLING		9.00		9.00		988.22	

CDF001804

DETAIL OF PROFESSIONAL SERVICES
FOR THE PERIOD ENDING 7/25/97

PAGE: 1

CLIENT REF.:
INVOICE NO.: 00802110
PROJECT NO.: 731397-1T
CLIENT NO.: 71275
FORMAT NAME: SBLRLBR11C

W/E DATE	EMPLOYEE NAME	EMPLOYEE CLASSIFICATION	ADJ. DATE	RATE	REGULAR HOURS	O/T HOURS	TOTAL HOURS

05000	BY-PASS/LAGOON #2						
7/11/97	MICHAEL R LEFFLER	PRINC ENG/SCIENTIST I		109.80	7.00		7.00
7/18/97	MICHAEL R LEFFLER	PRINC ENG/SCIENTIST I		109.80	2.00		2.00
	ITEM TOTALS				9.00		9.00
	TOTAL LABOR HOURS				9.00		9.00

CDF001805

DETAIL OF OTHER DIRECT COSTS
FOR THE PERIOD ENDING 7/25/97
BY WBS/COST CODE

INVOICE NO.: 00802110
PROJECT NO.: 731397-1T
CLIENT NO.: 71275
FORMAT NAME: SBLRFODC03
REF:

REFERENCE NUMBER	DESCRIPTION OF EXPENSES	AMOUNT
-----	-----	-----
05000: BY-PASS/LAGOON #2		
9210	TRAVEL	40.30
9530	SUPPLIES	8.66
9550	REPRODUCTION CHARGES	.20
	BY-PASS/LAGOON #2	49.16
	GRAND TOTAL OTHER DIRECT COSTS	49.16

DETAIL OF OTHER DIRECT COSTS
FOR THE PERIOD ENDING 7/25/97
BY JOB/WBS/COST CODE

PAGE: 1

CLIENT REF.:
INVOICE NO.: 00802110
PROJECT NO.: 731397-1T
CLIENT NO.: 71275
FORMAT NAME: SBLRODCWTT

REF	VEND	NAME	INVOICE	DATE	BATCH	AMOUNT
NO.	NO.		DATE	WORKED	NO.	
731397		CANTON DROP FORGE LAGOON #1/BI				
05000		BY-PASS/LAGOON #2				
9212		AUTOMOBILE MILEAGE				
079705948	40953	MICHAEL R LEFFLER	7/11/97		399	40.30
		ACCOUNT TOTAL				40.30
9535		MATERIAL AND SUPPLIES				
079708400	J6006	RITZ CAMERA	7/09/97		395	8.66
		ACCOUNT TOTAL				8.66
9551		COPIER CHARGES				
30270		7/18/97 COPIER CHARGES			96	.20
		ACCOUNT TOTAL				.20
		BY-PASS/LAGOON #2				49.16
		JOB 731397 TOTAL				49.16
		TOTAL, OTHER DIRECT COSTS				49.16

CDF001807

PARSONS ENGINEERING SCIENCE, INC.

A UNIT OF PARSONS INFRASTRUCTURE & TECHNOLOGY GROUP INC

19101 Villaview Road, Suite 301 • Cleveland, Ohio 44119 • (216) 486-9005 • Fax (216) 486-6119
PARESL/697/Dec/EJK7-24

2(5), 3(6)
REVISED

23 June 1997

98622

Mr. Jerry Bressanelli
CANTON DROP FORGE, INC.
4575 Southway Street
Canton, Ohio 44706

Reference: Revised Proposal to Provide Conceptual Design and Cost Estimating Services for Temporary Drainage Facilities at Canton Drop Forge, Inc.

Dear Mr. Bressanelli:

In accordance with your request, arising from our meeting with Messrs. Keith Houseknecht, William Cordier, and Rick Zollinger on Monday, 9 June 1997, and as directed in our telephone conversations in the intervening period, Parsons Engineering Science, Inc. (Parsons ES) is pleased to have this opportunity to offer to Canton Drop Forge, Inc. (CDF) this revised proposal. The primary objectives of this proposal are:

- 1) to evaluate hydraulic requirements for establishing temporary drainage facilities for discharging storm water run-off and other streams from CDF's operations to Lagoon #3, during the period that Lagoon #2 is anticipated to be out-of-service; and
- 2) to develop a conceptual design and preliminary cost estimate to provide the temporary drainage facilities required in Item 1.

It is Parsons ES' understanding that CDF is interested in planning for the reconstruction of Lagoon #2. In that Lagoon #2 currently receives essentially all storm water and other streams originating from the CDF plant's operations, temporary means for handling these identified flows must be provided during the period that Lagoon #2 will be placed out-of-service for maintenance and reconstruction.

PROPOSED SCOPE OF WORK

The following tasks comprise Parsons ES' Proposed Scope of Work for the Project:

Task 1 - Hydraulic Analysis and Conceptual Design

Parsons ES will review any information received from CDF with respect to the current drainage systems discharging into Lagoon #2 and conveying flow from Lagoon #2 to Lagoon #3. Parsons ES will complete a hydraulic analysis of Lagoon #2, taking into account its receiving streams, discharge system and the storm water management implications. As a result, the conceptual design of a temporary transfer system, for conveying all flows currently received into Lagoon #2, will be developed.

In this Task, it has been assumed that Parsons ES will use any available information regarding the sizing, flow rates, configurations and elevations of the existing drainage systems discharging into Lagoon #2, and conveying storm water between Lagoon #2 and Lagoon #3. In addition, Parsons ES has planned a separate site visit, comprising of one 8-hour day, on-site, to collect and confirm information for the completion of this Task.

Mr. Jerry Bressanelli
CANTON DROP FORGE, INC.
24 June 1997
Page 2- Dee/EJK7-24

Task 2 - Cost Estimate

Based on the conceptual design generated in Task 1 above, we will develop a budget-level cost estimate, i.e., within a +/-30% range, for the recommended system.

Task 3 - Report Results

Parsons ES will develop a letter report, summarizing the results of our efforts, for presentation to CDF.

PROPOSED BUDGET AND SCHEDULE

Parsons ES proposes to complete the Tasks defined above on a lump-sum basis for a cost of \$2,600. Assuming that CDF's Authorization to Proceed is issued within one week, Parsons ES anticipates that the Scope of Work proposed above can be completed by 18 July 1997.

PROJECT PERSONNEL

The principal technical contributors for the work described in this proposal will be as follows:

- Mike Leffler - field measurements;
- Beth McCartney - hydraulic analysis and conceptual design;
- Gordon Melle - cost estimating; and
- Ed Karkalik - project management.

TERMS AND CONDITIONS

The Terms and Conditions of Parsons ES' previously issued Engineering Services Agreement (ESA), with Supplemental Terms and Conditions (attached), will apply to this work. Please refer to our proposal dated 11 April 1997 for a copy of the ESA and the relevant terms and conditions.

Parsons ES is pleased to have this opportunity to continue providing environmental engineering services to Canton Drop Forge. If you require any additional information or clarification of this proposal, please contact either Beth McCartney or Ed Karkalik by telephone at (216) 486-9005.

Very truly yours,

PARSONS ENGINEERING SCIENCE, INC.

Wilson H. Rownd

Wilson H. Rownd, PE
Vice President/Manager

Edward J. Karkalik
Edward J. Karkalik, PE
Project Manager

WHR/EJK/dee

cc: File 97290097003
Mr. Gordon Melle
Ms. Elizabeth McCartney, P.E.

CDF001809



CANTON DROP FORGE

4575 SOUTHWAY ST., S.W.

8529

HIGH PERFORMANCE CLOSED DIE FORGINGS

P.O. BOX 6902

CANTON, OHIO 44706

PH. 216/477-4511

FAX 216/477-2046

PURCHASING / PRODUCTION

PURCHASE ORDER

No.

098622

DATE

7/01/97

PAGE

1

VENDOR

TO:

PARSONS ENGINEERING -PF

19101 VILLAVIEW RD

STE 301

CLEVELAND

OH 44119

SHIP

TO:

CANTON DROP FORGE

4575 SOUTHWAY STREET S.W.

P.O. BOX 6902

CANTON

OH 44706

ATTN:

STOCK ROOM

UNLESS OTHERWISE NOTED, SALES TAX DOES NOT APPLY ON ITEMS ORDERED

SHIP VIA:

~~BEST WAY~~

FREIGHT TERMS:

LINE NO.	ITEM NO.	DESCRIPTION/COMMENTS	U/M	PROMISED DATE	QUANTITY ORDERED	UNIT COST	TOTAL C
1		PROVIDE CONCEPTUAL DESIGN AND COST ESTIMATING SERVICES FOR TEMPORARY DRAINAGE & FACILITIES					
2							
3							
4		COST - \$2600.00					
5							
6		PER 6/12/97 PROPOSAL WITH VERBAL COMMENTS BETWEEN ED KARKALIK & KEITH HOUSEKNECHT					
7							
8		KJH ESCROW KH1078					
9							
		ATTACH APPLICABLE MATERIAL SAFETY DATA SHEETS (MSDS) TO THE PACKING LIST FOR THE PRODUCT(S) ORDERED. NOTE: IF NOT ATTACHED, INDICATE REASON OR DATE LATEST MSDS REVISION WAS SENT TO CDF. MATERIAL CANNOT BE RECEIVED WITHOUT MSDS OR EXPLANATION.					
		Purchase Order Total					.00

ALL ORDERS:

1. Terms and Conditions on reverse side are part of this Purchase Order.
2. Acceptance - Unless otherwise stated herein, this order must be accepted by the Seller signing and returning the attached acknowledgment copy to Buyer within 10 days from the date of this order, and it is understood that the commencement of any work or the performance of any services hereunder by Seller shall constitute acceptance by Seller of this purchase order and

STEEL ORDERS:

1. Certified test reports in triplicate are to accompany steel shipments. Discount will be taken from date of receipt of goods or test reports, whichever is later.
2. Do not deviate from established producing practice in fulfilling the requirements of this order.
3. All bars and billets must be identified by heat No.

INVOICE DAY OF SHIPMENT TO:

CANTON DROP FORGE
P.O. BOX 6902
CANTON, OH 44706

BY:

RC Necker
CANTON DROP FORGE - AUTHORIZED SIGNATURE

CDF001810

discharging into Lagoon #2, and conveying storm water between Lagoon #2 and Lagoon #3. In addition, Parsons ES has planned a separate site visit, comprising of one 8-hour day, on-site, to

PARSONS ENGINEERING SCIENCE, INC.
A UNIT OF PARSONS INFRASTRUCTURE & TECHNOLOGY GROUP INC

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PARESL/697/Dec/EJK-24

REVISED

23 June 1997

2(b), 3(b)

Mr. Jerry Bressanelli
CANTON DROP FORGE, INC.
4575 Southway Street
Canton, Ohio 44706

Reference: Revised Proposal to Provide Conceptual Design and Cost Estimating Services for
Temporary Drainage Facilities at Canton Drop Forge, Inc.

Dear Mr. Bressanelli:

Lagoon #2 to #3

In accordance with your request, arising from our meeting with Messrs. Keith Houseknecht, William Cordier, and Rick Zollinger on Monday, 9 June 1997, and as directed in our telephone conversations in the intervening period, Parsons Engineering Science, Inc. (Parsons ES) is pleased to have this opportunity to offer to Canton Drop Forge, Inc. (CDF) this revised proposal. The primary objectives of this proposal are:

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- 2) to develop a conceptual design and preliminary cost estimate to provide the temporary drainage facilities required in Item 1.

It is Parsons ES' understanding that CDF is interested in planning for the reconstruction of Lagoon #2. In that Lagoon #2 currently receives essentially all storm water and other streams originating from the CDF plant's operations, temporary means for handling these identified flows must be provided during the period that Lagoon #2 will be placed out-of-service for maintenance and reconstruction.

PROPOSED SCOPE OF WORK

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In this Task, it has been assumed that Parsons ES will use any available information regarding the sizing, flow rates, configurations and elevations of the existing drainage systems discharging into Lagoon #2, and conveying storm water between Lagoon #2 and Lagoon #3. In addition, Parsons ES has planned a separate site visit, comprising of one 8-hour day, on-site, to collect and confirm information for the completion of this Task.

CDF001811

Attach
p10

PARSONS
Mr. Jerry Bressanelli
CANTON DROP FORGE, INC.
24 June 1997
Page 2- Dee/EJK7-24

Task 2 - Cost Estimate

Based on the conceptual design generated in Task 1 above, we will develop a budget-level cost estimate, i.e., within a +/-30% range, for the recommended system.

Task 3 - Report Results

Parsons ES will develop a letter report, summarizing the results of our efforts, for presentation to CDF.

PROPOSED BUDGET AND SCHEDULE

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PROJECT PERSONNEL

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- Beth McCartney - hydraulic analysis and conceptual design;
- Gordon Melle - cost estimating; and
- Ed Karkalik - project management.

TERMS AND CONDITIONS

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Very truly yours,

PARSONS ENGINEERING SCIENCE, INC.

Wilson H. Rownd

Wilson H. Rownd, PE
Vice President/Manager

Edward J. Karkalik
Edward J. Karkalik, PE
Project Manager

WHR/EJK/dee

cc: File 97290097003
Mr. Gordon Melle
Ms. Elizabeth McCartney, P.E.

CDF001812

PARSONS ENGINEERING SCIENCE, INC.

19101 Villaview Road, Suite 301 • Cleveland, Ohio 44119 • (216) 486-9005 • Fax (216) 486-6119
12 June 1997

Mr. Keith Houseknecht
CANTON DROP FORGE, INC.
4575 Southway Street, SW
Canton, Ohio 44706

Reference: Proposal to Provide Conceptual Design and Cost Estimating Services for
Temporary Drainage Facilities at Canton Drop Forge, Inc.

Dear Mr. Houseknecht:

In accordance with your request, arising from our meeting with Messrs. William Cordier and Jerry Bressanelli on Monday, 9 June 1997, Parsons Engineering Science, Inc. (Parsons ES) is pleased to have this opportunity to offer to Canton Drop Forge, Inc. (CDF) this proposal. The primary objectives of this proposal are:

- 1) to evaluate hydraulic requirements for establishing temporary drainage facilities for discharging storm water run-off and other streams from CDF's operations to Lagoon #3, during the period that Lagoon #2 is anticipated to be out-of-service; and
- 2) to develop a conceptual design and preliminary cost estimate to provide the temporary drainage facilities required in item 1).

It is Parsons ES' understanding that CDF is interested in planning for the cleaning and reconstruction of Lagoon #2. In that Lagoon #2 currently receives essentially all storm water and other streams originating from the CDF plant's operations, temporary means for handling the identified flow must be provided during the period that Lagoon #2 will be placed out-of-service for maintenance and reconstruction.

PROPOSED SCOPE OF WORK

The following tasks comprise Parsons ES' Proposed Scope of Work for the Project:

Task 1 - Hydraulic Analysis and Conceptual Design

Parsons ES will review any information received from CDF with respect to the current drainage systems discharging into Lagoon #2 and conveying flow from Lagoon #2 to Lagoon #3. Parsons ES will complete a hydraulic analysis of Lagoon #2, taking into account its receiving streams, discharge system and the storm water management implications. As a result, the conceptual design of a temporary transfer system, for conveying all flows currently received into Lagoon #2, will be developed.

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CDF001814

PARSONS ENGINEERING SCIENCE, INC.

In this Task, it has been assumed that CDF will provide available information regarding the sizing, flow rates, configurations and elevations of the existing drainage systems discharging into Lagoon #2 and conveying storm water between Lagoon #2 and Lagoon #3. Parsons ES has not planned a separate site visit to collect information for the completion of this Task.

Task 2 - Cost Estimate

Based on the conceptual design generated in Task 1 above, we will develop a budget-level cost estimate, i.e., within a +/- 30% range, for the recommended system.

Task 3 - Report Results

Parsons ES will develop a letter report, summarizing the results of our efforts, for presentation to CDF.

PROPOSED BUDGET AND SCHEDULE

Parsons ES proposes to complete the Tasks defined above on a lump-sum basis for a cost of \$1,600. Assuming that CDF's Authorization to Proceed is issued within one week, Parsons ES anticipates that the Scope of Work proposed above can be completed by 3 July 1997.

PROPOSED PROJECT PERSONNEL

The principal technical contributors for the work described in this proposal will be as follows:

- Beth McCartney - hydraulic analysis and conceptual design;
- Gordon Melle - cost estimating; and
- Ed Karkalik - project management.

TERMS AND CONDITIONS

The terms and conditions of Parsons ES' previously issued Engineering Services Agreement (ESA), with Supplemental Terms and Conditions attached, will apply to this work. Please refer to our proposal dated 11 April 1997 for a copy of the ESA and the relevant terms and conditions.

PARSONS ENGINEERING SCIENCE, INC.

Parsons ES is pleased to have this opportunity to continue providing environmental engineering services to Canton Drop Forge. If you require any additional information or clarification of this proposal, please contact either Beth McCartney or Ed Karkalik by telephone at (216) 486-9005.

Very truly yours,
PARSONS ENGINEERING SCIENCE, INC.

Wilson H. Rownd/cwb

Wilson H. Rownd, PE
Vice President/Manager

Ed Karkalik

Edward J. Karkalik, PE
Project Manager

cc: File 97290097003
Mr. Gordon Melle
Ms Elizabeth McCartney, PE

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CDF001817

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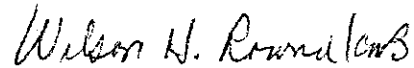
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Very truly yours,
PARSONS ENGINEERING SCIENCE, INC.

Handwritten signature of Wilson H. Rownd in cursive.

Wilson H. Rownd, PE
Vice President/Manager

Handwritten signature of Edward J. Karkalik in cursive.

Edward J. Karkalik, PE
Project Manager

cc: File 97290097003
Mr. Gordon Melle
Ms Elizabeth McCartney, PE